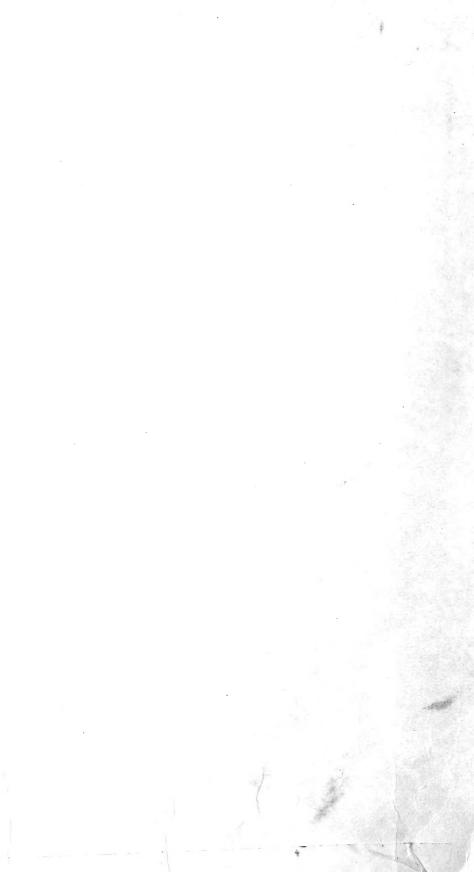
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LEAFLET No. 219

U. S. DEPARTMENT OF AGRICULTURE

THE HOME FRUIT GARDEN IN THE SOUTH-EASTERN AND CENTRAL SOUTHERN STATES ¹

The National Nutrition Conference, held in Washington, D. C.,

November 1941, urged Americans to eat more fruit.

Well-ripened, sound fruits increase the healthfulness, variety, attractiveness, and palatability of meals. Despite the relatively large available supplies of fruit, many families, especially on farms, do not have adequate quantities in the diet. In almost every part of this region certain fruits and nuts that usually need little or no spraying can be grown successfully in farm or suburban fruit gardens. Fruits that need spraying are not so well suited for home production. By properly selecting the kinds and varieties for home planting, a succession of fresh fruit of high dessert quality can be available during much of the summer, and surpluses may be canned, preserved, dried, or in some cases frozen for use during other seasons. Such home consumption of fruits, together with purchases of kinds that cannot be grown successfully, should improve the diet and general health.

This leaflet lists the best kinds and varieties of fruits and nuts for home planting in the southeastern United States and gives brief directions for their care. Detailed information can be obtained from the

State agricultural extension service or agricultural college.

Climatic Districts for Fruit and Nuts

Summer and winter temperatures, rainfall, and prevalence of diseases and insects are all important in determining the varieties that can be grown in different districts. Although fruit and nut varieties differ greatly in their adaptation to conditions, some kinds can be grown in almost every home garden in this region. On the map in figure 1 the southeastern and central Southern States are divided into districts based chiefly on the length of the growing season. In general, the same fruit and nut varieties can be grown throughout a district.

Kinds and Varieties to Plant

Under most conditions in this region the best fruits and nuts for the home garden are, in order of adaptability where spraying is not practiced, (1) grapes (muscadine), (2) pecans, (3) figs, (4) strawberries, (5) dewberries, (6) blueberries (rabbiteye varieties), (7) pears, (8) blackberries, (9) bunch (American) grapes, (10) peaches, (11) plums, (12) apples, and (13) raspberries. Under the more subtropical conditions, several citrus fruits, guavas, oriental persimmons, feijoas, loquats, pomegranates, papayas, and many other fruits may be grown. In certain locations black walnuts and Chinese chestnuts may well be included.

In all areas fruit trees and bunch grapes are benefited by proper spraying, and in the vicinity of commercial orchards and vineyards fruits in the home garden should be sprayed to prevent the spread of insects and diseases. In almost every section, however, one can grow certain fruits and nuts that do not require spraying and that add greatly to the variety and healthfulness of the diet.

¹ Prepared by the staff of the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, with the collaboration of horticulturists of the States in the region. The varieties suggested herein are based on those recommended by these horticulturists.

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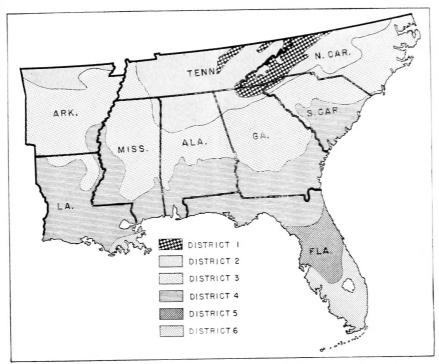


Figure 1.—Map of the southeastern and central Southern States: District 1—Relatively high areas, growing seasons ranging from 150 to 180 days, temperate climatic conditions prevailing suitable for growing standard northern fruit varieties. District 2—Growing seasons ranging from 180 to 200 days; many standard southern fruit varieties not grown in district 1 thrive. District 3—Upper boundary corresponds roughly with the northern limit of the Cotton Belt; pecans, muscadine grapes, and many other desirable fruit varieties may be grown. District 4—Southern portion of the Coastal Plain area, characterized by a hot humid climate during the growing season; typically southern fruits, including muscadine grapes, figs, and other desirable kinds, thrive best. District 5—Citrus fruits are grown principally, but other southern fruits may be grown advantageously in the home garden. District 6—Hot humid area; only semitropical fruits are adapted.

Muscadine grapes are adapted to the greatest number of locations and conditions, except in the more northern districts, where the bunch grapes are better adapted. The muscadines produce heavily without spraying and furnish fresh fruit over a long period as well as fruit for jelly, preserves, and beverages. They also may provide an attractive shady arbor near the house.

Pecans are very widely used as, and well adapted for, shade trees for the home and yard. The nuts are high in food value. The fig also is well adapted to most of this region. It should never be cultivated, but it should be planted near a building or in a part of the yard that is kept in grass; otherwise the tree is soon killed by root knot nematodes.

Strawberries are also well adapted to this region. They are the first fruit to ripen, are of fine flavor, and, except for citrus fruits, are highest in vitamin C content of any fruits that can be grown in this region. Even when frozen, strawberries keep their high vitamin C

content for many months. Therefore strawberries should be a part of almost every garden.

The Young and Boysen dewberries succeed except in central and southern Florida and in the high mountains. Their high flavor, pro-

 ${\bf T_{ABLE}} \ 1. -Varieties \ suggested \ for \ medium-sized \ gardens \ in \ representative \ parts \ of \ districts \ shown \ in \ figure \ 1$

DISTRICT 1 (MOUNTAINS OF NORTH CAROLINA, EASTERN TENNESSEE, SOUTH CAROLINA, AND GEORGIA)

Fruit or nut	Variety	When ripe	Plants	Length of row	Fruit or nut	Variety	When ripe	Plants	Length
	(Yr 1 . 17	M I	No.	Ft.	Ch	3.64		No.	Ft
Strawberry -	$\left\{ egin{array}{l} { m Howard} & 17 \\ { m (Premier)}. \end{array} \right.$	May-June	25	50	Cherry	Montmo- rency.	June	2	3
	Catskill	June	25	50 24	Dann	Seckel	AugSept	2 2 2	4
0	Portland Delaware	July	3 3	24	Pear	Waite Kieffer	SeptOctdo		4
Grape	Niagara	Aug	3	24 24		Lodi	July	1	3
Blackberry .	Concord Eldorado	June-July	30	120	Apple	Stayman Winesap.	Sept	1	3
Raspberry	Sunrise	June	20	50		Winesap	Oct	1	3
rasport, .	(Taylor (Golden Ju-	July June-July	20	50 40	Blueberry	Stanley Scammell	Julydo	2 2	10
Peach	bilee.					Jersey	do	2 2	1
1 each	Halehaven	July AugSept	2 2	40 40	Black wal- nut.	Thomas	Sept	1	(1)
	[Gold	July	2	40	nu.	(OMO	000	1	()
Plum	Methley	Aug	2 2	40					
	Shropshire	Sept	2	40					
LIN	A, GEORGIA	, ALABAMA	, TE	NNE	NDS OF NOI SSEE, AND I	Seckel	ARKANSAS	1	1
Strawberry _	Dorsett Blakemore	do	25	50	Pear	Waite	Aug Sept	2	2
	(Fredonia	July	3	24		Kieffer	do	2 2	4
Grape	Delaware Niagara	July-Aug Aug	3	24 24		Lodi Stayman	July-Aug Sept	1	3
	Concord	do	3	24	Apple	Winesap.			
Dewberry	Young Boysen	June-July	10 10	60 60	Apple	Golden De- licious.	do	1	3
	Golden Ju- bilee.	do	2	40		(Stanley	Oct June	1 3	3
Peach	Halehaven	July	2	40	Blueberry 2	June.	do	3	1
	Elberta	July-Aug June-July	2 2	40	Dideberry -	Scammell Hagood	July-Aug	3	1 2
Plum	Gold Methley	July	2	40		(Celeste	June-July	1	(3)
	(Shropshire	AugSept	2	40	Fig		do	1	(3)
Cherry	Montmo- rency.	June	-2	30	_	{ key. {Moore	Oct	2 2	(4)
					Pecan	\Stuart	do		(4)
					Black wal- nut.	Thomas	Septdo	1	(4)
					nuc.	(Omo		•	(-)
	Drambras	2 (FASTER	NN	ORT	H CAROLIN	A TO ARKA	NSAS)		
	DISTRICT	5 (EASTER		1 1	II CAROLIN	11 10 1111111		_	
Strawberry_	(Blakemore	April-May	25 25	50 50	I CAROLIN	(Golden Ju-	June-July	1	2
Strawberry	{Blakemore Fairmore ⁵ {Extra	April-May doAug	25 2	50 16		Golden Ju- bilee. Halehaven	July	1	2
	{Blakemore	April-MaydoAug	25 2 2	50 16 16	Peach	Golden Jubilee. Halehaven Belle of	•		2
	{Blakemore _ {Fairmore 5 _ {Extra Champanel Thomas 6 _ {Hunt 6 }}	April-MaydoAugdoSeptdo.	25 2 2 2 2 2	50 16 16		Golden Jubilee. Halehaven Belle of Georgia. Elberta	July	1 1 2	2 2
	{Blakemore _ {Fairmore 5 _ {Extra Champanel Thomas 6 _ {Hunt 6 }}	April-MaydoAugdoSeptdo.	25 2 2 2	50 16	Peach	Golden Jubilee. Halehaven Belle of Georgia. Elberta	Julydo July Aug	1 1 2 1	2 2 4 2
Grape	Blakemore - Fairmore 5 - Extra Champanel Thomas 6 - Hunt 6 Scuppernong or Yuga.6	April-MaydoAugdoSeptdododododododo	25 2 2 2 2 2 2 2	50 16 16 (7) (7) (7)		Golden Jubilee. Halehaven Belle of Georgia. Elberta Waite Kieffer	July do July Aug Aug Aug Sept Aug Sept Aug Aug Sept Aug Sept Aug Sept Sept Sept Sept Aug Sept Sept Sept Sept Sept Sept Sept Sept	1 1 2 1 1	2 2 4 2 2
Grape	Blakemore - Fairmore 5 - Extra - Champanel Thomas 6 - Hunt 6 Scuppernong or Yuga.6 Young - Boysen - Sought - Boysen - Sought - Sought - Boysen - Sought - So	April-Maydo Aug doSept dodo	25 2 2 2 2 2 2 2 2 2 10	50 16 16 (7) (7) (7) (7) 120 60	Peach	Golden Jubilee. Halehaven Belle of Georgia. Elberta Waite Kieffer	July Aug AugAugdo	1 1 2 1 1 1 1	2 2 4 2 2 2 2 2
Grape Dewberry	Blakemore Fairmore Lextra Champanel Thunt Scuppernong or Yuga. Young Boysen Celeste	April-Maydo Augdo Septdo do Junedo June-July	25 2 2 2 2 2 2 2 2 10 10	50 16 16 (7) (7) (7) (7) 120 60 (3)	Peach	Golden Jubilee. Halehaven. Belle of Georgia. Elberta Waite. Kieffer. Baldwin Methley Shiro.	Julydo July Aug AugSept do June_July	1 1 2 1 1 1 1 1	2 2 4 2 2 2 2 2 2 2
Grape Dewberry	Blakemore 5 Fairmore 5 Extra Champanel Thomas 6 Hunt 6 Scuppernong or Yuga.6 Young Boysen Celeste Hagood	April-Maydo Augdo Septdo do Junedo June-Julydo	25 2 2 2 2 2 2 2 2 10 11 4	50 16 16 (7) (7) (7) (7) 120 60 (3) 32	Peach	Golden Jubilee. Halehaven. Belle of Georgia. Elberta. Waite. Kieffer. Baldwin. Methley. Shiro Santa Rosa	Julydo July Aug AugSeptdo June June Julydo	1 1 2 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2
Strawberry Grape Dewberry Fig Blueberry	Blakemore Fairmore 5 Extra Champanel. Thomas 6 Hunt 6 Scuppernong or Yuga.6. Young. Boysen. Celeste. Hagood. Owens. Moore.	April-May do Aug do Sept do do June do June-July do June-Aug Oct	25 2 2 2 2 2 2 2 2 2 10 11 4 4 2	50 16 16 (7) (7) (7) (7) 120 60 (3) 32 32 (4)	Peach Pear Plum Oriental persimmon.	Golden Jubilee. Halehaven Belle of Georgia. Elberta. Waite. Kieffer Baldwin Methley. Santa Rosa. Tanenashi Fuya	July do July Aug Aug Sept do June June July do Sept Oct Oct	1 1 2 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3
Grape	Blakemore Fairmore 5 Extra Champanel. Thomas 6 Hunt 6 Scuppernong or Yuga.6. Young. Boysen. Celeste. Hagood. Owens. Moore.	April-May do do Sept do do June-July do June-July do June-Aug June-Aug	25 2 2 2 2 2 2 2 2 2 10 11 4 4	50 16 16 (7) (7) (7) (7) 120 60 (3) 32 32	Peach Pear Plum Oriental per-	Golden Jubilee. Halehaven Belle of Georgia. Elberta. Waite. Kieffer Baldwin Methley Shiro. Santa Rosa Tanenashi	July do July Aug Aug Aug Sept June July June Sept Go Sept Go Sept Sept Sept Go	1 1 2 1 1 1 1 1	2 2 4 2 2 2 2 2 2 2 2 3

See footnotes at end of table.

Table 1.—Varieties suggested for medium-sized gardens in representative parts of districts shown in figure 1-Continued

DISTRICT 4 (EASTERN SOUTH CAROLINA, SOUTHERN GEORGIA, AND THE GULF COAST REGION TO LOUISIANA)

Variety	When ripe	Plants	Length of row	Fruit or nut	Variety	When ripe	Plants	Length
		No.	Ft.				No.	Ft.
[Klonmore	MarMay	25	50		(Baldwin	Aug	2	40
Fairmore	April-May	25	50	Pear	Kieffer	do	2	40
	July-Aug		16		Pineapple	do	2	40
		2	16		(Wild Goose.	June	1	
Thomas 6.	Sept	2	(7)	Dlum	Methley	do	2	40
Hunt 6	do	2	(7)	Plum	Bruce	do	2	40
Scupper-	do	2	(7)		Excelsior	June-July	2	40
nong.6				Oriental per-	(Tanenashi	Sept	2	30
∫Young	May-June	10		simmon.	\Fuya		2	30
Boysen	do	10	60	Pomegran-	Wonderful	AugOct	2	(1)
Celeste	June-July	Ĩ	(3)	ate.				
Green Ischia	July-Aug			Feijoa	Coolidge	Oct.		2
(Hagood	June-July	4	32		Tanaka	Spring	1	1.
Owens	June-Aug	4	32		(Wase	Oct	2	34
(Moore	Oct	2	(4)	Satsuma	Owari	OctNov	2	3
Moneymak-	do	2	(4)	Citrangedin.	Glen	SeptDec	2	3
er.8				Calamondin		OctJan	2	3
Stuart	do	2	(4).			NovFeb	2	(1)
Hilev	June	2	40			OctNov.	4	4
{Honey	do	2	40					
Jewel	do	2	40					
	DISTRIC	T 5	(CEN	TRAL FLOR	RIDA)			
(Hamlin	Oat Nov	1	20					
				Pogan 10	/Moore	SeptOct	1	(4)
				1 CCan	(Stuart	do		(1)
	Nov-Mar				[Gottfried	July-Sept	1	
March	Ion Mov			A recorde 11	Waldin	OctNov	1	2
(Clamentine	Oct - Doc			A vocado	Taylor	DecJan		2
Dancy	Dag - Feb				(Linda	JanMar		2
(Orlando	Nov. Dog			Manga 11	Haden	June-July	1	2
Minacla					\Brooks	July-Sept		3
Saminolo				Papaya		Entire year.	4	3
	Oct Mor			Donono	Lady Finger		2	4
				Danana	(Cavendish		2	1
				Guoro	Seedlings	AugNov	4	1
(Colonto				Guava	Cattley	OctNov	2	4
Promp Tur								2
key.	do	1	(9)					
	DISTRICT	6 (S	OUT	HERN FLOR	IDA)	1	_	
(Hamlin	Oct -Nov	1	20	,	(Fuchsia	June-July	1	9
					Waldin	Oct Nov		
				Avocado 11	Taylor	Dec Jor	1	
Dunean			20		Booth No 9	Ion Fob	1	
March					(Haden	June July	1	
(Clementine					Brooks	July Sont		
Dancy				Mango 11	Cambodi			
Orlando					ano ano	Jan160	1	3
Mineols				Panava	Soodlings	Entire weer		
Seminole					(Lady Fina	Entire year.	4	4
				Banana	Coverdish		2	1
					(Cavendish		2	1
	E verbearing	1	20	Guava	Cottler	AugNov		
sian).	April-June	1	(3)		(Cattley	OctNov	2	2
Celeste Brown Tur-	do		(3)					
	Klonmore Fairmore Fairmore Fairmore Extra Champanel Champanel Thomas 6 Hunt 6 S c u p pe r nong. 6 Young Boysen Celeste Green Ischia Hagood Owens Moneymaker, 6 Stuart Hilley Honey Jewel Hamlin Pineapple Valencia Duncan Marsh Clementine Dancy Orlando Mineola Seminole Meyer Key Celeste Brown Turkey Celeste Green Celementine Orlando Marsh Clementine Celeste Cel	Klonmore MarMay Fairmore April-May Extra July-Aug Champanel Aug Thomas Sept Hunt do Scupper do do Scupper do do Geleste June-July Green Ischia Hagood June-July June-July Green Ischia June-July Green Ischia June-July Green Ischia June-July Hagood June-July June-July Gwens June-Aug do do do do do do do d	Store Stor	Klonmore	Stuart	Seedings	Klonmore	Klonmore MarMay 25 50 Fairmore April-May 26 Fairmore April-May 26 Fairmore April-May 26 Fairmore April-May 27 Fairmore April-May 27 Fairmore April-May 27 Fairmore April-May 27 Fairmore April-May 28 Fairmore April-May 29 Fairmore April-May 20 Fairm

² Not recommended for Tennessee or Arkansas.

ductiveness, and vigorous growth enable one to obtain an abundance

8 For South Carolina.

of high-flavored fruit 1 year after planting. Strawberries, dewberries, figs, and grapes cover the season from April or May till frost in most of this region. Larger gardens that include blueberries, pecans, pears, peaches, plums, and other fruits will furnish a greater variety of fresh fruit during much of the year.

² feet from building.
30 feet apart around buildings or in yard.
40 feet apart around buildings or in yard.
5 Not recommended for Tennessee.
5 Plant male vine near by these muscadine grapes.
5 Por Southern parts only.
11 If space is lacking several varieties may be grafted on a single stock.

The varieties recommended for a medium-sized garden in representative parts of the different districts are given in table 1. Some of the varieties suggested are different from those grown in commercial plantings. Usually more than one variety is listed in order to cover a long season. Two or more varieties each of pears, Chinese chestnuts, some plums, muscadine grapes (including one male vine), apples, blueberries, and avocados must be planted to insure pollination.

Planting and Care

Sources of Plants.—Most fruits adapted to this region are not grown from seed but are propagated by cuttings and grafting or budding. Exceptions are guavas, papayas, and occasionally oranges and a few others. Fruit varieties are propagated by commercial nurserymen, who are generally dependable sources. Names of nurseries can

be supplied by the State agricultural extension service.

Location of Planting.—Although it is generally desirable to have the planting near the house and perhaps adjacent to the vegetable garden, this may not be the most favorable location. In general, the planting should not be in a low area but should be on moderately elevated land or on a slope that will provide satisfactory air drainage. In other words, the site should not be frosty. The soil should be reasonably fertile and well drained. A location where the soil tends to remain wet after rain should be avoided. Pecans need a deep soil and figs a site where the roots can run under a building. Fruit trees should not be planted near wood lots or shade trees, since full exposure to sunlight is needed.

Size of Planting.—The size of the planting will vary with the space available. In some locations there may be space for only a few grapevines on an arbor or a fence, a few fruit or nut trees around the buildings, or a row or two of berries by the fence. In other sites the size of the planting is determined by the needs of the family and by the kinds of fruit that can be grown. Most small gardens (10 by 50 feet to 30 by 50 feet) should consist mostly of berries and grapes. A half-acre garden that includes fruit and nut trees and that will furnish

fruit in season for a large family is diagrammed in figure 2.

When and How to Plant.—In the northern districts usually a better stand of trees and plants will be obtained by setting them in the fall or as early in the spring as it is possible to prepare the soil. In the other districts planting may be done during late fall or winter. The ground should be prepared as thoroughly as for a vegetable garden. It is important that the plants be entirely dormant, with no buds starting, at time of planting. Also, the roots should not be allowed to dry out. Berries and grapes should be set at the same depth as they grew in the nursery. The fruit and nut trees should be set slightly deeper. The roots should be spread out when the plants are set. When the holes are dug the topsoil and subsoil are separated. The topsoil is placed about the roots of the tree in the holes, and the subsoil is used last to fill up the rest of the hole. The soil should be thoroughly firmed about the roots to prevent drying out and to help hold the tree in position.

Pruning Before Planting.—Strawberries should have all fully developed leaves picked off before being planted. The canes of dewberries and blackberries should be cut back to 6 inches at time of

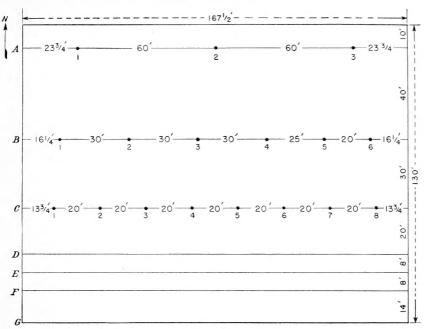


Figure 2.—Suggested arrangement of a half-acre fruit and nut garden in northern districts. Row A—Nos. 1 to 3, pecans. Row B—Nos. 1 to 4, apples; Nos. 5 and 6, pears. Row C—Nos. 1 to 3, plums; Nos. 4 to 8, peaches. Row D—dewberries (Young and Boysen). Row E—raspberries (half row; one variety); blackberries (half row; one variety). Row F—strawberries (two varieties). Row G—bunch or muscadine grapes on a wire trellis, or on a fence used as a trellis. Fruit and nut trees should be placed on the north side, if possible, to avoid shading of small fruits.

planting. Grapevines are usually cut back, leaving only one or two buds. If fruit trees obtained from the nursery are unbranched whips, they should be headed back to a height of 3 to $3\frac{1}{2}$ feet. If they have several good-sized branches well spaced along the trunk, three or four may be left. The branches should be spaced about a foot apart up and down the trunk and pointing in different directions.

Cultivation.—The cultivation of the home fruit garden is similar to that of the vegetable garden for the first part of the season. After about September 1 cultivation of fruit trees, vines, and bushes should cease. Strawberries should be cultivated until the end of the growing season. Under most conditions the same methods of maintaining the fertility of the soil that are followed in a vegetable garden are successful with fruit. Where stable manure is available, its liberal use generally gives excellent results.

All berry plants should be given clean cultivation as are vegetables unless there is an abundance of straw or other mulching material to furnish a permanent mulch. Fruit trees may be cultivated for the first 3 or 4 years if it is not possible to mulch them with straw or strawy manure. Thereafter apples, pears, plums, cherries, and nuts may be kept in sod. Peaches and grapes do best where they receive some cultivation, but they can also be grown in grass and mulched where cultivation cannot be given. Manure mulch will take care of the fertilizer requirements of the fruit plants. When manure is not available, a fertilizer high in nitrogen should be used.

Pruning After the First Year.—To many inexperienced growers the question of how to prune trees and bushes appears to be very complicated. If certain basic principles are kept in mind, however, it is possible for even the inexperienced grower to do a satisfactory job of pruning. The purpose of pruning is to develop the tree or bush so that it will have maximum strength to carry a load of fruit and maximum bearing capacity. A safe rule in pruning trees, particularly young trees up to bearing age, is to prune them as little as will accomplish this specific purpose. Cross branches and suckers should be removed, and broken or dying limbs should be cut out. Young trees of most fruits require little pruning before they come into bearing. Pruning of fruit trees in general should be done during the dormant season, preferably in the spring after danger of severe winter freezing is past but before growth has started.

If the growth of vines of bunch grapes is rather weak during the first season, it is advisable to cut the vine back at the end of the first growing season to one or two buds and to train up a strong trunk during the second growing season. If the vine is to be trained to a fence or a two-wire system, it should be tied to a stake and carried upright until it reaches the top wire. At that point it should be pinched off and two laterals led out, one in either direction, along the wire. During the second season, lateral canes will grow from all the buds along the trunk. Two of these at the height of the first wire above the ground should be selected and tied to that wire to develop fruiting wood. The other branches along the trunk should be rubbed

off or pinched back during the growing season.

Pruning should be done while the vines are in a dormant condition. It is important to note that the fruit is borne on shoots from the canes of the previous season's growth. In pruning, therefore, enough new wood should be saved to provide for the next summer's crop and the rest removed. With healthy, vigorous vines, from 50 to 60 buds will produce as much fruit as the vine can mature properly. More wood may be left on vines for home production, provided sufficient space is available for the vine to develop. With vigorous vines, the leaving of more wood may result in a greater total quantity of fruit, but the individual bunches may be inferior in size and the fruit of poorer quality.

Vines of muscadine grape are pruned somewhat differently. With these the canes laid off on the wires serve as permanent arms, and the new growth is pruned so as to leave fruiting spurs 6 to 8 inches long. Such spurs should be evenly distributed along the arm and so spaced as to allow free development of new shoots. All excess wood should

be pruned away.

Except in the mountain region the pruning of dewberries and black-berries consists in removing all the canes, both old and new, after the fruit has been picked. New canes will then develop strong growth to produce fruit for the following season. In the western part of North Carolina and South Carolina, in northern Georgia, and in Tennessee the season is not long enough for strong new canes to grow. There just the old canes that have fruited should be cut out after the fruit has been picked. The new canes of dewberries are left till the following spring, when they are tied in a spiral to stakes standing about 6 feet above ground. Winter pruning of the blackberry consists in cutting back lateral branches to about 12 inches.

